

8 7 6 5 4 3 2 1

ITEM	QTY -011	P/N	DESCRIPTION
	X	D5549-011	FWD BEAM ASSEMBLY, LH
1	2	D2690-13	LANYARD ASSEMBLY
2	1	D5549-1	FWD BEAM
3	1	D5550-041	FWD OUTBOARD BEAM ASSEMBLY
4	2	D5553-1	BRACKET
5	1	D5554-3	BRACKET
6	8	AN4-26A	BOLT
7	2	AN4-27A	BOLT
8	2	MS17984-C625	PIN, QUICK RELEASE
9	6	MS20002C6	WASHER
10	10	MS21042L4	NUT, SELF-LOCKING
11	6	MS21042L6	NUT, SELF-LOCKING
12	6	MS21250-06026	BOLT
13	20	NAS1149D0463J	WASHER
14	6	NAS1149D0663J	WASHER

SEE DETAIL A

SEE DETAIL A

DETAIL A

D5549-011 FWD BEAM ASSEMBLY, LH

NOTES:

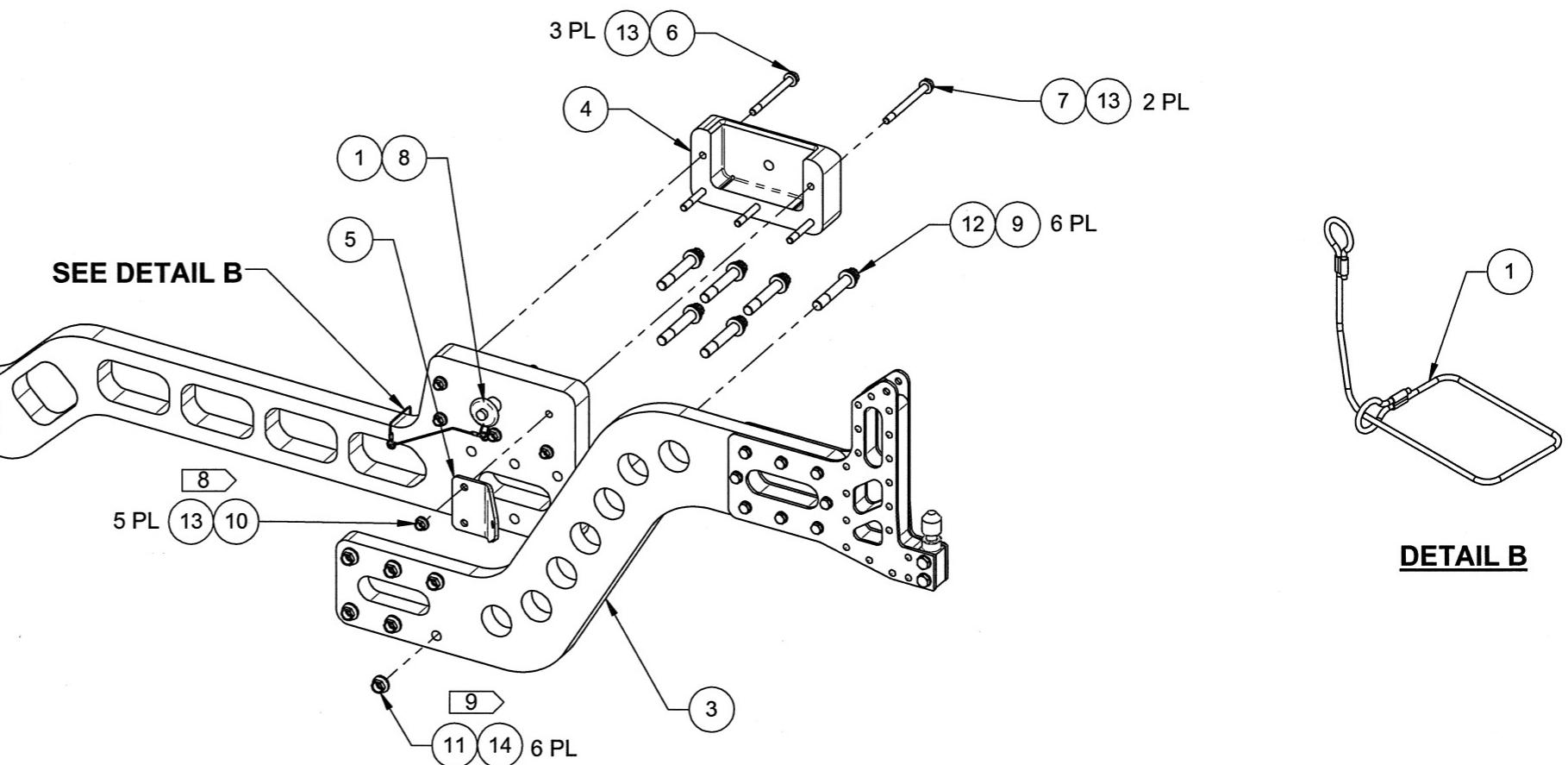
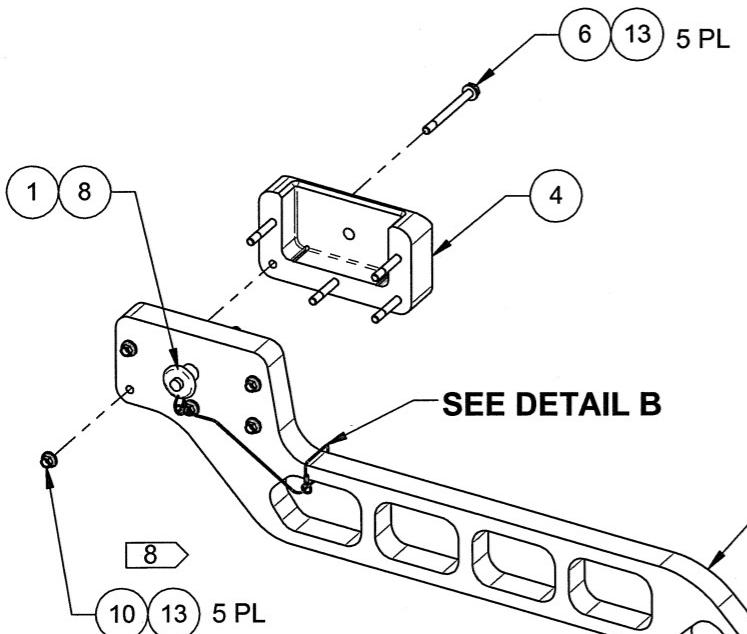
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 26.13 lbs
- 8) TORQUE MS21042L4 NUT TO 50-70 IN-LBS
- 9) TORQUE MS21042L6 NUT TO 160-190 IN-LBS

RELEASED
2019 AUG 29
ECN 14-672

APPROVED

C	ADD -5 (ZN B4-9); REVISE NOTE 9 (ZN A8-5 & A8-7)	RF	19.08.01
B	QUANTITY CHANGE AN4-26A & AN4-27A (ZN D4-1, D4-2, C2-2, C4-2); PICTORIAL CHANGE ON D5554-3	RF	17.09.27
A	NEW ISSUE	RF	17.07.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. HILLSBORO, OR	
DRAWN	RF		
CHECKED	PM	DRAWING NO.	D5549
MFG. APPR.	JFS	REV. C	SHEET 1 OF 9
APPROVED	VS	TITLE	FWD/AFT BEAM ASSEMBLY
DE APPR.	DS	SCALE	NTS
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D

**DETAIL B****NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 26.13 lbs
- 8) TORQUE MS21042L4 NUT TO 50-70 IN-LBS
- 9) TORQUE MS21042L6 NUT TO 160-190 IN-LBS

D5549-012 FWD BEAM ASSEMBLY, RH**RELEASED**

2019 AUG 29

APPROVED

DESIGN	RF
DRAWN	RF
CHECKED	PM
MFG. APPR.	JFS
APPROVED	VS
DE APPR.	DS #
DATE	19.08.01

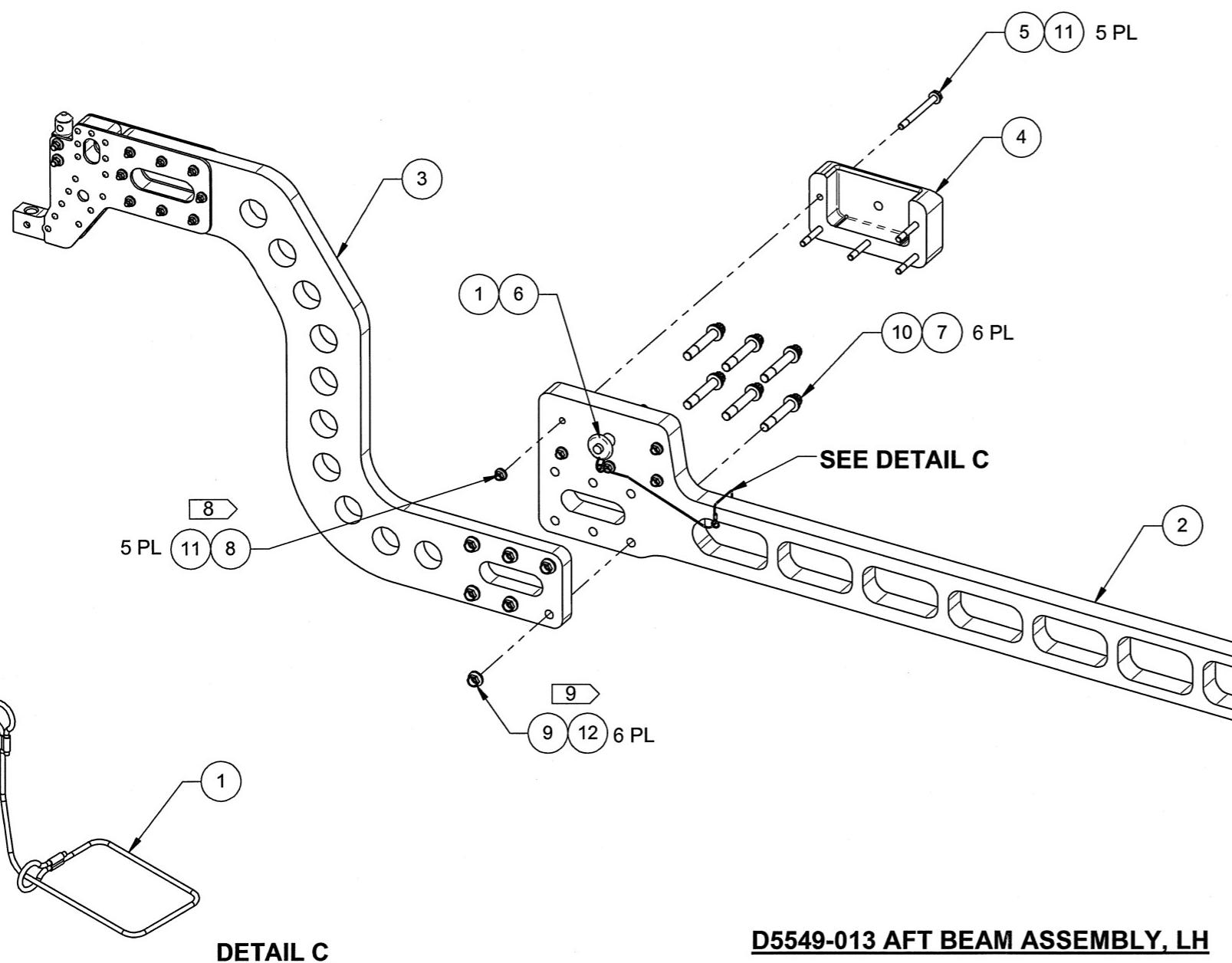
DART AEROSPACE USA, INC.
HILLSBORO, OR

DRAWING NO.
D5549
REV. C
SHEET 2 OF 9

TITLE
FWD/AFT BEAM ASSEMBLY
SCALE
NTS

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ITEM	QTY -013	P/N	DESCRIPTION
	X	D5549-013	AFT BEAM ASSEMBLY, LH
1	2	D2690-13	LANYARD ASSEMBLY
2	1	D5549-3	AFT BEAM
3	1	D5550-043	AFT OUTBOARD BEAM ASSEMBLY
4	2	D5553-1	BRACKET
5	10	AN4-26A	BOLT
6	2	MS17984-C625	PIN, QUICK RELEASE
7	6	MS20002C6	WASHER
8	10	MS21042L4	NUT, SELF-LOCKING
9	6	MS21042L6	NUT, SELF-LOCKING
10	6	MS21250-06026	BOLT
11	20	NAS1149D0463J	WASHER
12	6	NAS1149D0663J	WASHER

NOTES:
 1) MATERIAL: N/A
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 7) WEIGHT: 26.76 lbs
 8) TORQUE MS21042L4 NUT TO 50-70 IN-LBS
 9) TORQUE MS21042L6 NUT TO 160-190 IN-LBS

D5549-013 AFT BEAM ASSEMBLY, LH

RELEASED

2019 AUG 29 qf

APPROVED

DESIGN	RF	DART AEROSPACE USA, INC. HILLSBORO, OR	
DRAWN	RF		
CHECKED	PM	DRAWING NO.	REV. C
MFG. APPR.	JFS	D5549	SHEET 3 OF 9
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	FWD/AFT BEAM ASSEMBLY	NTS
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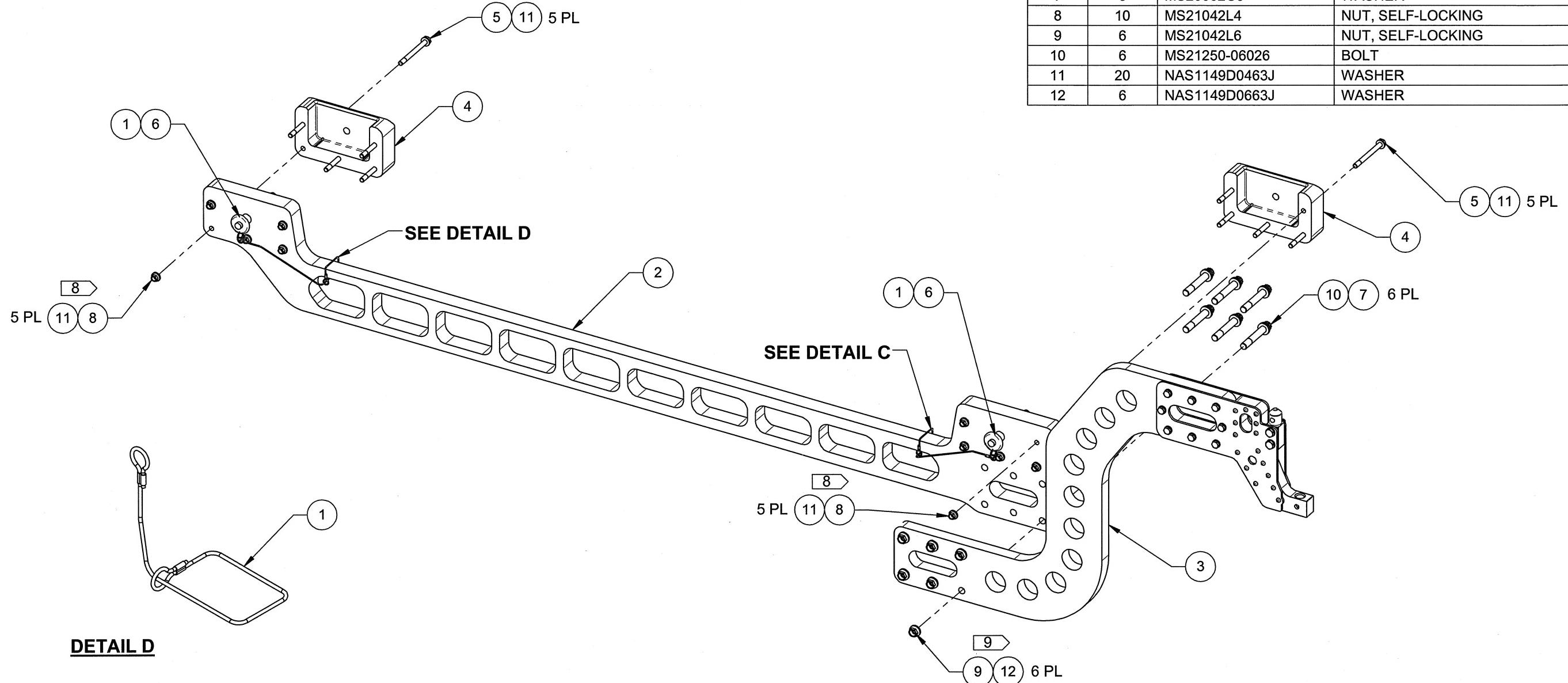
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B

B

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D5549-014 AFT BEAM ASSEMBLY, RH

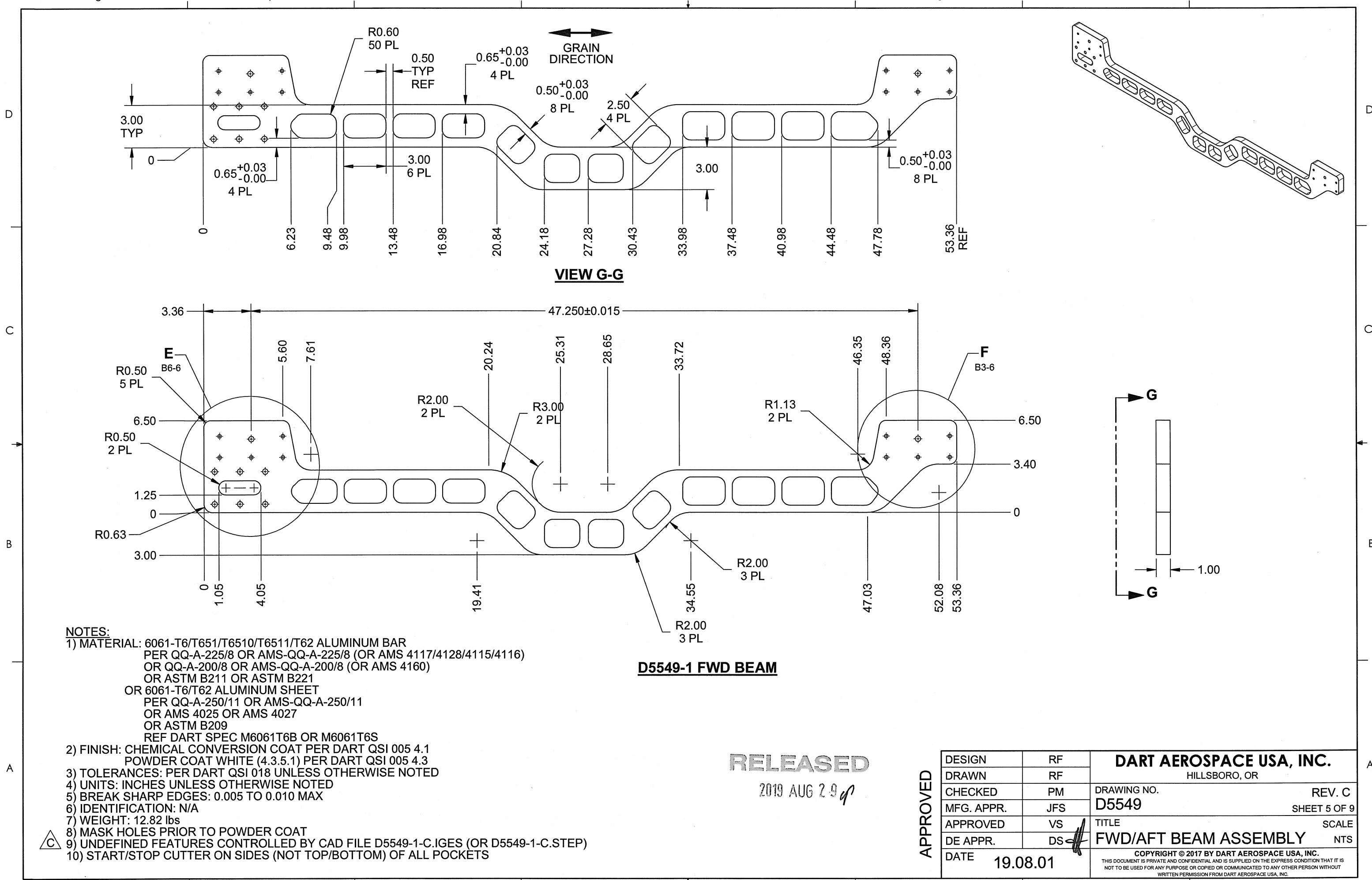
- NOTES:
 1) MATERIAL: N/A
 2) FINISH: NONE
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 7) WEIGHT: 26.76 lbs
 8) TORQUE MS21042L4 NUT TO 50-70 IN-LBS
 9) TORQUE MS21042L6 NUT TO 160-190 IN-LBS

RELEASED

2019 AUG 29

APPROVED

DESIGN	RF	DART AEROSPACE USA, INC. HILLSBORO, OR
DRAWN	RF	
CHECKED	PM	DRAWING NO.
MFG. APPR.	JFS	D5549
APPROVED	VS	REV. C
DE APPR.	DS	SHEET 4 OF 9
DATE	19.08.01	SCALE
		FWD/AFT BEAM ASSEMBLY
		NTS
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NOTES:

**1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)**

OR ASTM B211 OR ASTM B221

OR 6061-T6/T62 ALUMINUM SHEET
PER QQ-A-250/11 OR AMS-QQ-A-250/1
OR AMS 4025 OR AMS 4027

OR ASTM B209
REF DART SPEC M6061T6B OR M6061T6

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.2.5.1) PER DART QSI 005 4.2

POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGE

- 5) BREAK SHARP EDGES
- 6) IDENTIFICATION: NAME

7) WEIGHT: 12.82 lbs

8) MASK HOLES PRIOR TO POWDER COAT

9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5549-1-C.IGES (OR
10) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF ALL POCKETS

10) START/STOP CU

0 1 2 3 4 5 6 7 8 9

18) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF REEL CORETS DATE 19.08.01
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2019 AUG 29

APPROVED

DESIGN	RF	DART AEROSPACE USA, INC. HILLSBORO, OR	
DRAWN	RF		
CHECKED	PM	DRAWING NO.	REV. C
MFG. APPR.	JFS	D5549	SHEET 5 OF 9
APPROVED	VS	TITLE	SCALE
DE APPR.	DS 	FWD/AFT BEAM ASSEMBLY	NTS
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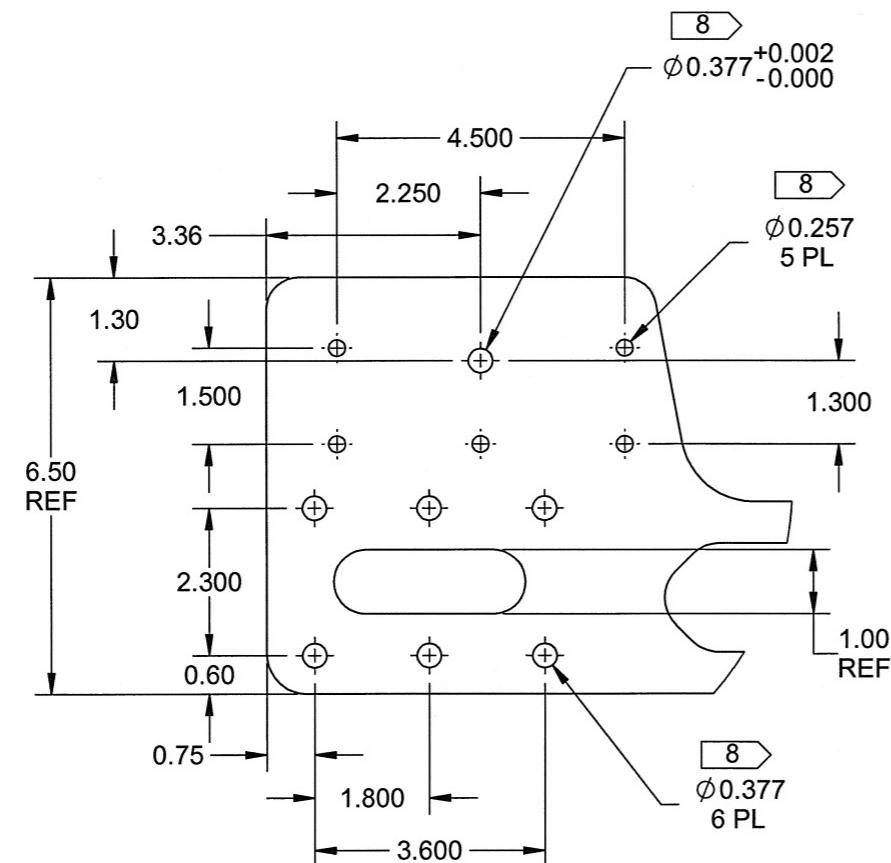
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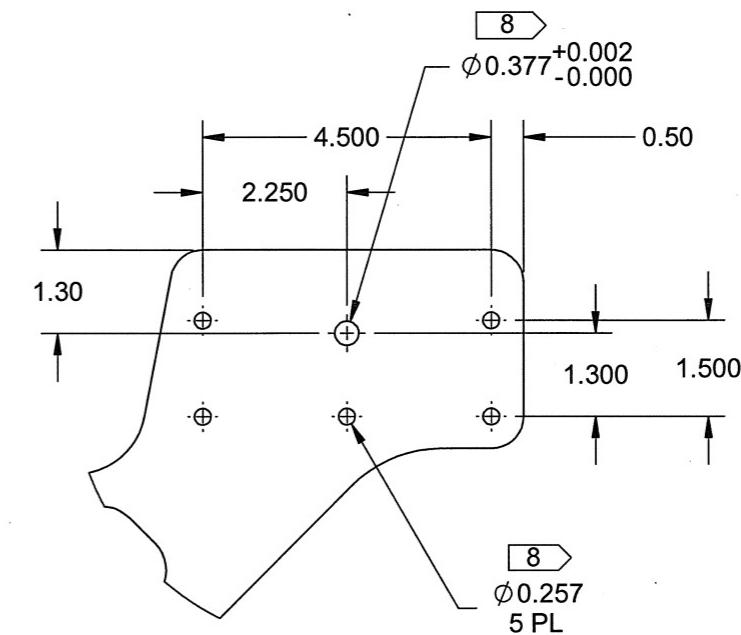
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DETAIL E

C8-5
C8-9



DETAIL F

C3-5
C3-9

RELEASED

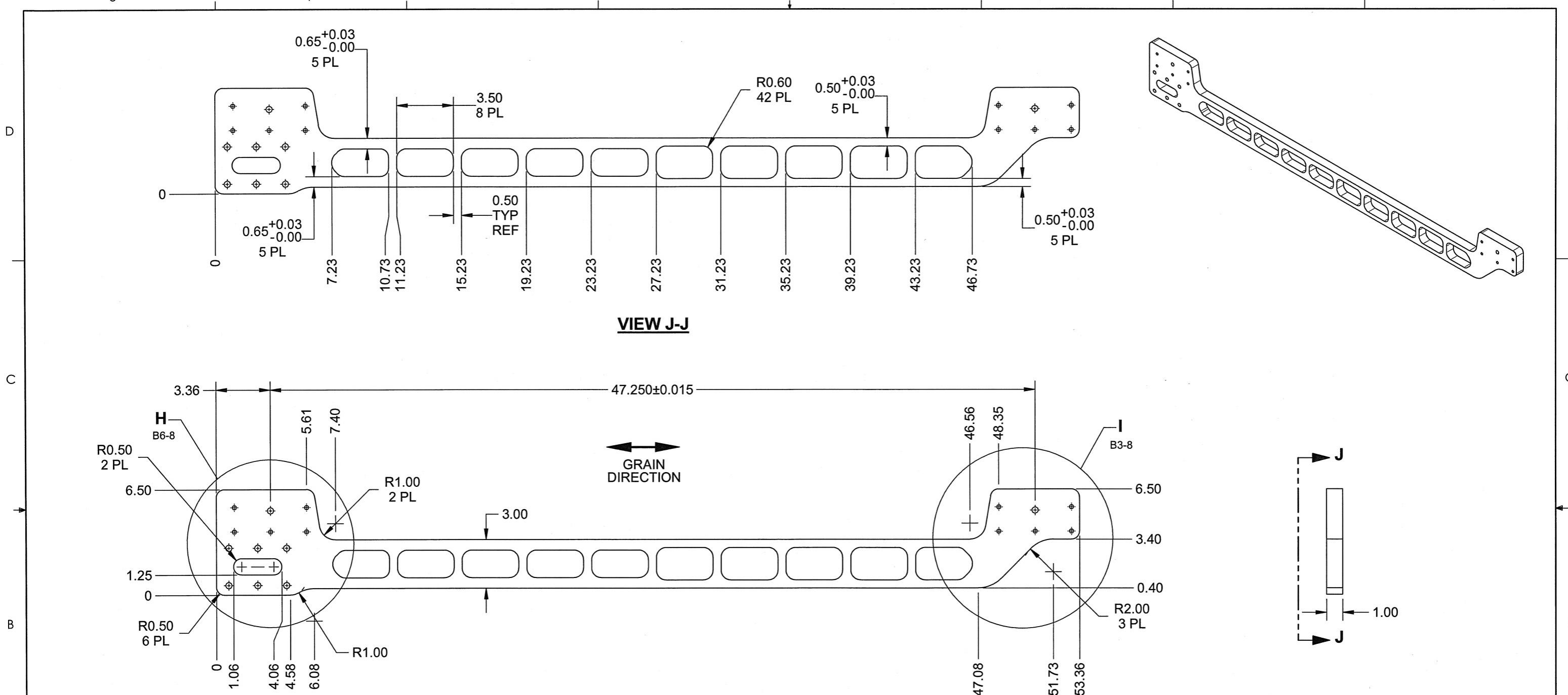
2019 AUG 29

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DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	HILLSBORO, OR	
CHECKED	PM	DRAWING NO.	
MFG. APPR.	JFS	REV. C	
APPROVED	VS	D5549	
DE APPR.	DS	SHEET 6 OF 9	
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8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1



NOTES:

1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)

OR ASTM B211 OR ASTM B221

OR 6061-T6/T62 ALUMINUM SHEET

PER QQ-A-250/11 OR AMS-QQ-A-250/11

OR AMS 4025 OR AMS 4027

OR ASTM B209

REF DART SPEC M6061T6B OR M6061T6S

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: 11.91 lbs

8) MASK HOLES PRIOR TO POWDER COAT

9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5549-3-C.IGES (OR D5549-3-C.STEP)

10) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF ALL POCKETS

D5549-3 AFT BEAM

RELEASED

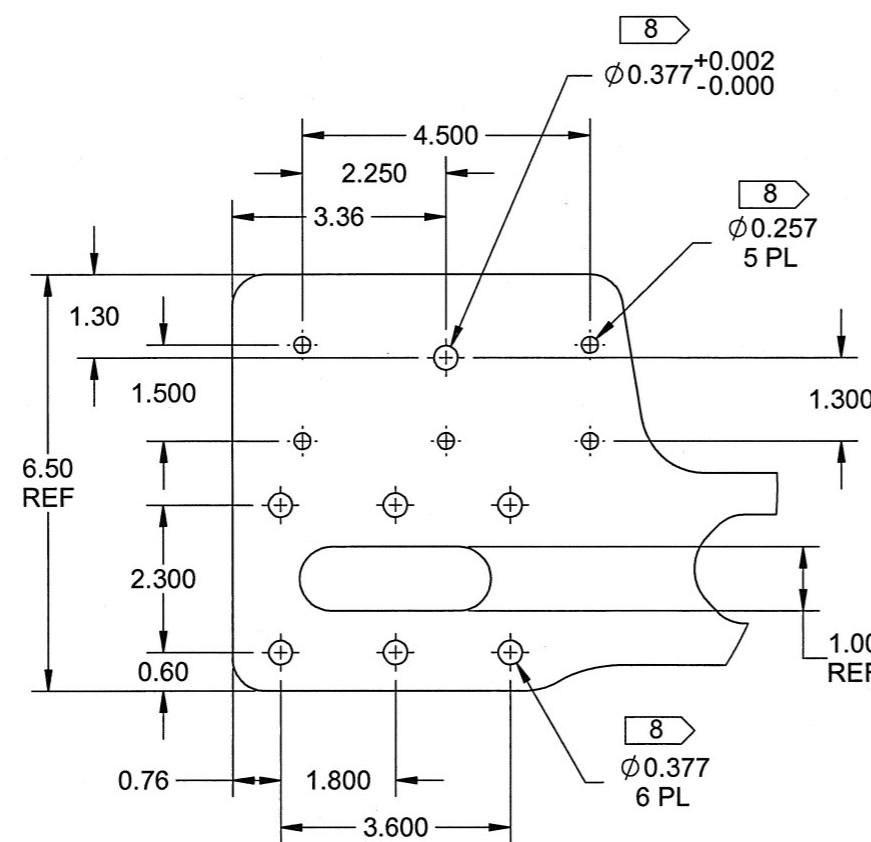
2019 AUG 29 *gj*

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DESIGN	RF	DART AEROSPACE USA, INC. HILLSBORO, OR
DRAWN	RF	
CHECKED	PM	DRAWING NO. D5549
MFG. APPR.	JFS	REV. C SHEET 7 OF 9
APPROVED	VS	TITLE FWD/AFT BEAM ASSEMBLY
DE APPR.	DS	SCALE NTS
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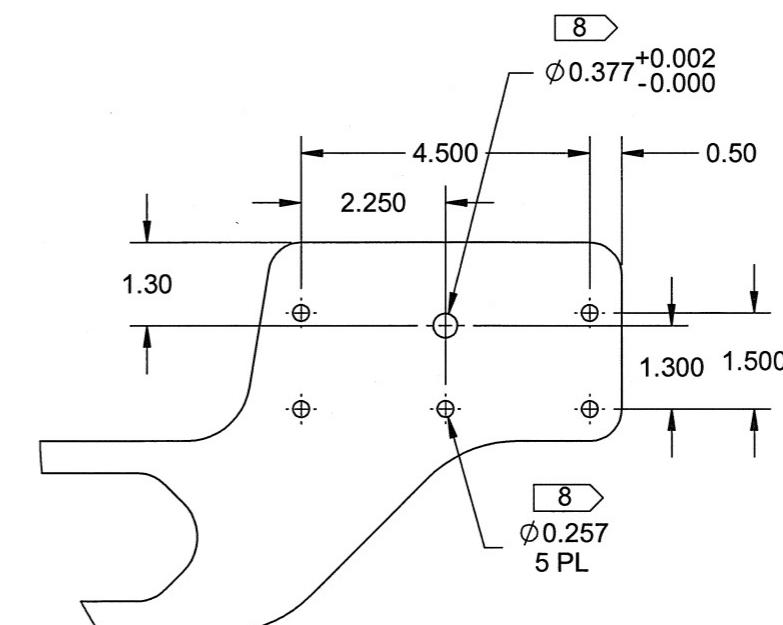


8 7 6 5 4 3 2 1



DETAIL H

C8-7



DETAIL I

C3-7

RELEASED

2019 AUG 29 *af*

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19.08.01

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	HILLSBORO, OR	
CHECKED	PM	DRAWING NO.	
MFG. APPR.	JFS	REV. C	
APPROVED	VS	D5549	
DE APPR.	DS	SHEET 8 OF 9	
DATE	19.08.01	TITLE	FWD/AFT BEAM ASSEMBLY
		SCALE	NTS
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